EXHIBIT 3

PCN CHAMPION'S INVENTION DISCLOSURE WORKSHEET

Disclosure No.: RO4277 **Champion:** Michael Gallagher

Date Reviewed: [redacted] **ESN:** 395+4658

Inventor(s): Ramzi Cheaito, .. **Fax:** 395+2898

Dept: 7244 **AVP:** Dave Sliter

Title: Web-based Who-Called-Me Service

INVENTION EVALUATION WORKSHEET

Introduction

As a true ***Champion*** of the PCN Invention Disclosure Review Process you are responsible for gathering the necessary information so those difficult decisions on which PCN inventions should become the subject matter of a patent application can be made. PCN cannot file patent applications on all of the inventions brought forward by PCN's inventors, but rather, using the information you provide, those inventions that may potentially provide the greatest value to PCN and Nortel will be filed in a patent application.

The overall purpose of your review is to develop a "business case" for a patent on the invention. A business case for the patent is different from the business case for the invention itself. Getting a patent for this invention will allow Nortel to exclude others from making, using, selling, and importing the goods and services covered by the patent. The business case to be addressed is, therefore, whether patent rights in the invention will provide value to Nortel.

Your Responsibilities

Please meet with the inventor as soon as possible once you receive the Invention Disclosure. At that meeting, it may be in person or otherwise, you need to get answers to the questions below

Part I Administrative

When was the invention conceived? [redacted]

What records are there of the conception? INVENTOR'S HIGH LEVEL DESCRIPTION & NOTES

Has the invention been disclosed or used outside of Nortel, past or future? NO

If so, when and where? _____

Has the invention been offered for sale? NO

If so, what were the circumstances under which the offer was made, *e.g.*, was *this* invention substantially complete at the time of the offer for sale? _____

Is this invention part of a Nortel project/product? NO

If so, what is the status of that project/product, *e.g.*, VO and ship date? _____

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Is this invention related to any ***standards*** activity? NO
If so, which ones?

What is the status of this invention with respect to the standard's activity? _____

Which LOB(s) does this invention provide potential business opportunities for? _____
PCN
Broadband (for SERVICE BUILDER SCP)

Part II The Invention
Please obtain the following information from the inventor and be able to relate this information to the PCN Invention Disclosure Review Core Team with sufficient detail so that a decision on whether to proceed with this invention can be made.

1. What is the problem the invention is trying to solve?
   Remote, world-wide, access to incoming caller list, with the option of returning the call, or listening to voice mail messages, from any internet browser.
2. How have others tried to solve this problem in the past?
   Not that we are aware of.
3. How does the invention propose to solve this problem?
   - reuse of existing, deployed, standard AIN query/response operations in the RBOC's SSPs, along with service logic in the SCP's, communicating over a back-end I/F to ISP's internet servers.
4. How does the invention *differ* from how others have solved this problem?
   not applicable.
5. What advantages does the invention provide over how others have tried to solve this problem?
   n/a
6. Can the invention be detected if it is being used by someone else? If so, how?
   - apparent if a network provider attempts to offer/market a service providing remote/world-wide access to incoming calls.

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Part III Market Value of the Invention

The following questions have been developed to help focus on the ***potential value*** of the invention. Please review these questions with the inventor. It is not the intent of the Team that you or the inventor expend significant effort in preparing answers to these questions, but rather that you and the inventor use your current collective knowledge, plus other easily accessible information, to formulate answers to these questions. The following questions are "network-centered" so some of the questions may not be applicable to all inventions.

1. **Product**

   What is the value of the invention to Nortel's product, *e.g.*, does it provide additional or improved capabilities previously not available?

Improved capabilities of Nortel's AIN Service Enabler product by making use of AIN triggers & events, increasing the Nortel revenue from the product.

   Is there a cost impact (plus or minus) to Nortel's product associated with the invention, *e.g.*, are there cost savings or penalties associated with the invention?

note forseen at this time

   Will Nortel's product be more or less costly to develop with or including the invention?

not applicable

   Is there a time-to-market impact to Nortel's product due to the invention, *e.g.*, does the invention allow Nortel to take its product to market faster or is there a time-penalty associated with it?

no

2. **Customer**

   Who is the expected customer of the invention?

Telcos (RBOC ILEC's, and CLEC's) & ISP's

   What is the value of the invention to the customer?

Revenue potential from offering this service to their RESIDENTIAL & BUSINESS (SoHo) customers.

   Will the invention provide valued functionality not possible without the invention?

yes.

   Will the invention reduce the customer's operational cost not possible without the invention? n/a

3. **Competitor(s)**

What value will Nortel's competitors see in the invention, *e.g.*, got to have it?

With increased demand for internet services, and user mobility, the proposed service becomes more attractive

Are there other viable approaches to the invention?

not aware of any

If the invention was made available would a competitor buy the rights to this invention and why?

More likely that service providers would want to purchase rights; competitors are also a possibility.

4. Network

Where in the network will the invention be deployed?

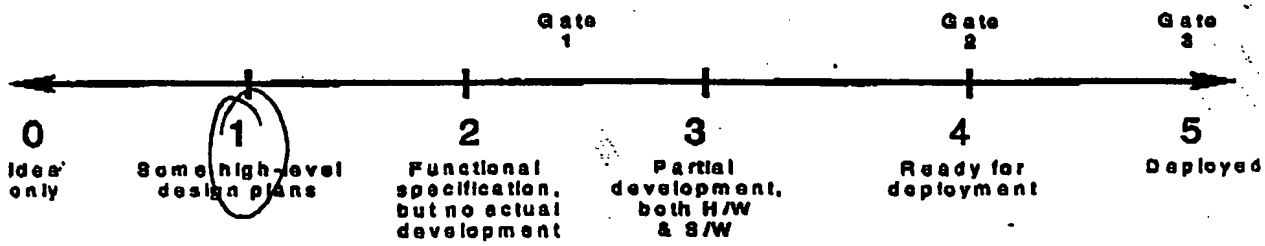
- datafill in SSP
- service logic in SCP
- internet service logic in ISP's host

What is the value of the invention to the network?

- increases usage of existing network (MN) capabilities

Part IV Invention Completeness

Circle or mark one.



Part V Rating the Invention
Based on the answers to the above questions, please apply the following simple scale to the invention.

Evaluation, Selection and Prioritization of Invention Disclosures

Invention disclosures are rated on the basis of the sum of three main factors, each of which take a value of 1 to 3 (*i.e.*, low, moderate, high value, or 0 if no value) to a maximum of 9.

Factor	Value
T - Technical Thrust	3 -high
I - Inventive Merit	2- moderate
C - Commercial Value	1 - low 0 -no value
Rating = T + I + C	maximum 9

The technical thrust T is determined by the relevance of the invention to strategic technologies, products and services, determined for each business unit, and considering the business interests of Nortel and major competitors.

The inventive merit I is related to the potential scope of claims in a patent: *e.g.*, consider the scope of the technical problem, and whether the invention is a new concept or approach, or a major development (broad claims) vs. a specific implementation, minor improvement or alternative to other known solutions (narrow claims).

The commercial value C may be evaluated in terms of potential revenue increase or cost savings from the invention, or the potential revenue from a patent, e.g. in terms of a percentage of the product selling price, or the frequency of use and cost per use of a service. Alternatively an assessment may be made of the commercial impact to a customer/competitor in terms of additional functionality, new features added, ease of use, time to market, or other advantages, is the invention essential, or just desirable i.e. "must have" value. How readily can infringement be detected?

This Invention

T - Technical Thrust	2.5
I - Inventive Merit	2.5
C - Commercial Value	2.5
TOTAL	7.5

Part VI Technical Classification (circle appropriate one):

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Circuit	Access and Remotes
Service(s)	Internet Infrastructure
ATM	Mechanical Hardware
Computing	Process/Tools
Switching	Network Architecture
Signaling	Data Networking
(Internet Services)	

Part VII Your Recommendation
Should Nortel file a patent application for this invention? (Circle one.)

(Yes) No

Part VIII Further Foreign Filing:
If Nortel was to pursue patent protection in foreign countries for this invention, in which countries would you recommend filing a patent application? (Note: each country requires a patent for an invention be filed in that country, *i.e.*, you cannot enforce a U.S. Patent in any other country.) left to discretion of Nortel's Law dept.

Part IX Copy and Forward
Please fax a copy of your "completed" worksheet to Tom Gigliotti at ESN 255-6659, "chicken scratch" is accepted . The condition of the worksheet is not important. Rather we want to keep a complete file on this invention disclosure.

Thank you!

Tom Gigliotti
ESN 255-4007

Complete all sections and send to the Nortel Patent Dept at:
OTTAWA, Canada: Patent Dept., 0265, NTPAT
or HARLOW, UK: Patent Dept., HAL05
or RICHARDSON, USA: Patent Dept., Mail Stop C-0419, RICH1

No. [redacted]
Rec'd. [redacted]
Attny/Agent [redacted]

NORTHERN TELECOM

Invention Title

WEB-based WHO-CALLED-ME Service

Correspondence will be directed to the first-named inventor only.

(1) Full legal name of first inventor (include middle initial)		Residence and post office address if different			
Cheaito	**Ramzi**	**608-2850 Cedarwood Dr., Ottawa, ON, K1V 8Y4**			
Name usually known as: Ramzi Cheaito					
Global ID 0511612					
Phone 395 4878	**Location** SKYLINE	**Department** 7z44	**Mailstop** 094	**Occupation** Software Engineer	**Fax** 393 5782
Signature	**Date**	**Citizen of** CANADA			

(2) Name of supervisor or divisional head	(5) Project Number
Ruth Purdy	
Name of AVP Reported to:	(6) Indicate your LOB: **Public Carrier Networks**
Signature / **Date**	If Advanced Technology, please indicate which group: **Please Make a Selection**

Technical field

(3) Date of first written description.	Key words for searching
	MVM Service, DMS-100, ISP services
Has this invention been discussed with others? If so, please complete.	
Outside Nortel To Whom? When? Was there a Non-Disclosure Agreement in place?	Are you aware of any imminent future disclosures? Please detail.
Inside Nortel To Whom? When?	

(4) Which products will use this invention?	(7) Is the invention relevant to a Standards activity?
DMS-100 Family	**yes**
	If so give details: **The following documents will provide some background information that is needed to describe how this system would be implemented.**
	(8) Does this invention arise from any arrangement involving any external organization? **no**
	Organization
	Contract no.

Brief description of the invention:

his new feature will enable Telco's who are also Internet Service Providers to provide a new service for their customers.
/ith this feature, subscribers can view a list of their callers on the WEB.
aus enabling their customers to check on their callers remotely anywhere in the world from any internet browser (without curring
ıy long distance charges!).

What is the problem solved by the invention?

Currently the only way to remotely check who called you is either by having this feature on your desktop phone or by having voice mail account. If you have a voice mail account, long distance charges will apply should you check your messages from outside your local ~~area number~~ calling area. Moreover, with the voice mail service, if the caller hangs up while the announcement is played, then there is no way to know who called you. Even more, if the caller hangs up immediately after the announcement of the voice mail is played, the caller identification will also be lost and consequently there is no means to know who called you.

This feature will enable you to check who called you without needing to have a voice account, ~~special phone~~ Specialized CPE or paying long distance charges. You simply need to subscribe to this feature and have access to an Internet account.

NO.

What other solutions have been tried and what were their shortcomings?

ther than what is mentioned above, I don't know of any.

previous section had mentioned the voice-mail approach & its shortcomings.

What are the specific elements or steps that solved the problem. Please provide high level details.

evelopment will be required on the DMS and on the Internet server.
/hen you subscribe to this feature, whenever your phone number receives a call, a call record i.e.log with calling name, umber, time and date,
/ill automatically be sent to your Internet server account via an Internet gateway. A special application or database is squired on the
nternet server to handle and sort these records.

o view who called you, the user enters the service provider (Telco's) URL address from any Internet WEB interface and gin into the WHO CALLED ME service. Using the login information, the subscriber can then view a list of callers to his hone.

he service can also be more extended. Using the existing Internet applications, the Telco can also provide the subscriber vith the capability to ring the calling number back. More ennhancements can also be introduced.

- The following AIN 0.2 (Bellcore GR 1298/1299) operations would be used on the SSP: TERMINATION_ATTEMPT, T_ANSWER, T_BUSY, T_NO_ANSWER, SEND_NOTIFICATION, TERMINATION_NOTIFICATION, REQUEST_REPORT_BCM_EVENT, CLOSE, UPDATE, UPDATE_SUCCESS
- The above operations are supported by Nortel's AIN Service Enabler product (NA100)

The SCP service logic & ISP server login would need definition at a high level.

What is the commercial value of the invention to Nortel and Nortel's major competitors? (see guidelines)

This invention will provide a new service that generates an additional revenue to telco providing this feature/service. Also, it ~~will make the DMS more Internet service rich~~. Thus gives Nortel an advantage over other telephone switch manufacturer.

demonstrates the DMS SSP's capability of supporting Internet service.